

Active Recombinant Human FURIN Protein

Cat. No. FURIN-605H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FURIN (aa 108-714) protein does not contain the C-terminal and transmembrane domains was produced in Drosophila melanogaster Schneider 2 cells.
Species	Human
Source	S2 Cells
ProteinLength	108-714 a.a.
Form	Liquid
Bio-activity	Cleaves precursor proteins C-terminal to an Arg-X-X-Arg motif. Specific Activity: One unit cleaves 24pmol (2g) of protective antigen or 100pmol (2.5g) of human proendothelin-1 per hour at 30centigrade in 100mM HEPES, pH 7.6, containing 1mM calcium dichloride, 0.5% Triton X-100 and 1mM 2-mercaptoethanol.
Molecular Mass	~81kDa
Purity	≥90% (one major band at ≥83kDa)
Notes	For Research Use Only, Not for Human.
Stability	Do not aliquot. Keep vial on ice during use and put immediately back in -80 centigrade freezer.

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Storage	At -80 centigrade. Do not freeze/thaw.
Concentration	1U/μ
Storage Buffer	In 100mM HEPES, pH 7.5, containing 25% glycerol, 150mM sodium chloride and 1mM calcium dichloride.

GENE INFORMATION

Gene Name	FURIN
Official Symbol	FURIN furin, paired basic amino acid cleaving enzyme [Homo sapiens (human)]
Synonyms	FURIN; furin, paired basic amino acid cleaving enzyme; FUR; PACE; SPC1; PCSK3;
Gene ID	5045
mRNA Refseq	NM_002569
Protein Refseq	NP_002560
MIM	136950
UniProt ID	P09958

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